

## **CURRICULUM – VITAE**

**Dr. Shom Prakash Kushwaha**

**Associate Professor**

DOJ-06/08/2019

M. Pharm (Pharmaceutical Chemistry), Ph.D., SPF-PDF

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### **Professional Status:**

- Associate Professor, Department of Pharmacy, Faculty of Pharmacy, Integral University, Lucknow, U.P., India.  
Duration: 01 November 2022 - Till Date; 1 year 01 months as on 1 December 2023.
- Assistant Professor, Department of Pharmacy, Faculty of Pharmacy, Integral University, Lucknow, U.P., India.  
Duration: 06 Aug 2019 - 31 October 2022; 3 years 02 months 25 days.
- Assistant Professor, Department of Pharmacy, Hygia Institute of Pharmaceutical Education and Research, Lucknow, U.P., India.  
Duration: 17 July 2018 - 05 Aug 2019; 1 years 0 months 19 days.
- Assistant Professor, Department of Pharmacy, Rameshwaram Institute of Technology and Management, Lucknow, U.P., India.  
Duration: 23 October 2013 - 16 July 2018; 4 years 8 months 24 days.
- Associate Professor, Sagar Institute of Technology and Management, Department of Pharmacy, Barabanki, U.P., India.  
Duration: 12 September 2011 - 15 June 2013; 1 years 9 months 3 days.
- Assistant Professor, Faculty of Pharmacy, Babu Banarasi Das National Institute of Technology & Management, Lucknow, U.P., India.  
Duration: 18 December 2006 - 13 July 2011; 4 years 6 months 26 days.

**Post Doctoral Experience / Fellowship**

<b>Name of the Organization</b>	<b>Duration</b>	<b>Title of the Research</b>
Shri Parameshwar Foundation, Basti, Uttar Pradesh, India.	01 Year (07 May 2022 - 06 May 2023)	Reckoning the impact of quercetin towards antioxidant activity of <i>Stevia rebaudiana</i> Leaves

**Academic Qualifications:**

Qualification	Name of the Organization	Year	Percentage of marks / Division	Title of the Thesis / Subject
Ph.D.	IFTM University, Moradabad, India.	2022	NA	Design and development of <i>stevia rebaudiana</i> formulation for antioxidant activity (Pharmacy)
Master of Pharmacy	Northern India Engineering College, Lucknow. (AKTU, Lucknow)	2006	77.20 First with distinction	Pharmaceutical Chemistry
Bachelor of Pharmacy	Babu Banarasi Das National Institute of Technology & Management, Lucknow, India. (Agra University, Agra)	2003	67.22 First	Pharmacy
Intermediate	Colvin Taluqadar's Inter College, Lucknow, India, (UP Board)	1998	63.00 First	Chemistry, Biology, English, Hindi, Physics
High school	Colvin Taluqadar's Inter College, Lucknow, India, (UP Board)	1995	63.00 First	Biology, English, Science, Mathematics, Hindi, Social Science

**Research Grant:**

Category	Name of the Organization	Duration	Title of the Research
Seed Money Grant for Research	Integral University, Lucknow, Uttar Pradesh, India	02 Years (In progress: 15 May 2023 onwards)	Design, Syntheses and Evaluation of Thiazolidinedione Derivatives as Antioxidants.

**Publications:**

Title with details of publication	Name of the Journal	ISSN No
Underpinning arylidene-2,4 thiazolidinediones as antidiabetic agents, Under review Manuscript Reference Number: MS/IJBPAS/2024/8294, 5 Sep 2023	International Journal of Biology, Pharmacy and Allied Sciences	2277- 4998
Reckoning the antioxidant potential of lyophilized extract of <i>stevia rebaudiana</i> leaves, Under editorial review, Paper ID: 23322154246668526, 06-Apr-2023.	Research Journal of Pharmacy and Technology	0974-360X
Managing Type 2 Diabetes Mellitus by Coupling Immunity Modulatory and Antidiabetic Properties, Under editorial review, Paper ID: 2316205309462266, 19-Jan-2023.	Research Journal of Pharmacy and Technology	0974-360X
Synergistic Contribution of Quercetin towards Antioxidant Activity of <i>Stevia rebaudiana</i> leaves July 2024 13(7) xx (accepted).	International Journal of Biology, Pharmacy and Allied Sciences	2277- 4998
Design and Synthesis of Fluoroquinolone through Green Chemistry Approach August, 2024, 13(5):xx accepted	International Journal of Biology, Pharmacy and Allied Sciences	2277- 4998
Role of natural bioactive compounds in the management of neurodegenerative disorders. 2023 Sep 17 (accepted).	Intelligent Pharmacy	2949-866X
Nanoformulation mediated transdermal delivery of anti-diabetic drugs: an updated review, 1 (4), 2023, 192-200,	Intelligent Pharmacy	2949-866X
Piperazine: A promising scaffold with antimicrobial activity November, 2023, 12(11): 4916-4930	International Journal of Biology, Pharmacy and Allied Sciences	2277- 4998
Antibacterial potential of benzimidazole containing hybrid derivatives September 2023 16(3):1892-1905	Rasayan Journal of Chemistry	0974-1496

Cannabis sativa L. - An Important Medicinal Plant: A Review of its Phytochemistry, Pharmacological Activities and Applications in Sustainable Economy. 2023, 14(3), 43-59.	International Journal of Pharma Professional's Research	0976-6723
Design, Molecular Docking, Synthesis, and Antibacterial Activity of 1H-Benzimidazole-2-Carboxylic Acid (2-Oxo-1, 2-Dihydro-Indol-3-Ylidene)-Hydrazide Derivatives, 2023, 33 (02), 249-256	Indian Journal of Heterocyclic Chemistry	0971-1627
Phytochemical and biological studies of Solanum torvum L. in folklore medicine of Assam, 2023, 12(1):1-8.	Annals of Phytomedicine	2278-9839
Antibacterial potential of Isatin containing hybrid derivatives, 2023, 35(4): Accepted	Asian Journal of Chemistry	0970-7077
Design and synthesis of chroman isatin hybrid derivatives as antitubercular agents, 11(2): 385-390, 2022	Annals of Phytomedicine	2278-9839
Benzimidazole as promising antimicrobial agents: A systematic review,' 11(2): 102-113, 2022	Annals of Phytomedicine	2278-9839
Recent advances in isatin-thiazole hybrids as potential anticancer agents, 11(2): 33-41, 2022	Annals of Phytomedicine	2278-9839
Therapeutic Journey, Synthesis and Recent Advances in Benzothiazole Derivatives, 2023,12(07), Accepted.	International Journal of Biology, Pharmacy and Allied Sciences	2277- 4998
Compassionate role of synergism in herbal formulations, 2022,11(12),6626.	International Journal of Biology, Pharmacy and Allied Sciences	2277- 4998
Design synthesis and pharmacological investigation of novel benzhydryl piperazine derivatives as new class of anti convulsant agents. 2022,13(6),2476-83.	International Journal of Pharmaceutical Sciences and Research.	0975-8232
<i>Spondias mangifera</i> Willd. A highly healthful turpentine aromatic plant for the management of the seasonal affective disorders. 022,11(1),1-15.	Annals of Phytomedicine	2393-9885

<i>Phoenix dactylifera</i> L. (Ajwa Dates): An energetic plant fruit with immense nutraceuticals value for strengthening the power of resistance. 2022,11(3),151-162.	Journal of Pharmacognosy and Phytochemistry	2278-4136
Agar well diffusion: A prominent method for <i>In vitro</i> screening of antimicrobials. 021,6(5),836-839.	International Journal of Botany Studies	2455-541X
Phytochemical screening of aqueous extract derived from <i>Stevia rebaudiana</i> leaves, <i>Musa acuminata</i> fruits and <i>Solanum lycopersicum</i> fruits. 2021,6(2),510-512.	International Journal of Botany Studies	2455-541X
Amended homology model intended for T1R2 subunit of human sweet taste receptor using Phyre 2.0 and ModLoop. 2021,13(2), 2442-2446.	International Journal of Pharmaceutical Research	0975-2366
An aspect on rational use of drugs and comprehensive care among rural mass. 2013,2,23-26.	Indian Journal of Pharmaceutical and Herbal Research	2320-2564
Quantitative analysis of sugar content in traditional antidiabetic preparations. 2013,2,33-37.	Indian Journal of Pharmaceutical and Herbal Research	2320-2564
Peptide Deformylase as a Novel Target of Antimicrobials. 2012,3(4,2),2864-2874.	Pharma Science Monitor	0976-7908
A preface noesis regarding general health awareness among the rural mass. 2012,2(1),12-14.	Asian Journal of Pharmacy and Technology	2231-5713
Coupling antioxidant and antidiabetic assets of 2,4-thiazolidinedione derivatives. 2011, 1(4), 71-73.	Asian Journal of Pharmaceutical Analysis	2231-5675
Guanidine and amidine mediated synthesis of bridgehead triazaphenalenones, pyrimidines and pyridines through domino reactions. 2007,48(33),5845-49.	Tetrahedron Letters	0040-4039
An Efficient synthesis of ( <i>E</i> )-(2-arylpyrazino[1,2- <i>a</i> ]pyrimidine-4-ylidene)acetonitriles and cyanomethyl appended pyrimidines. 2007,48(4),549-553.	Tetrahedron Letters	0040-4039

**Books:**

<b>Book Title with page numbers and date of publication</b>	<b>Name of the Publisher</b>	<b>ISBN No</b>
Practical Aspects of Instrumental Methods of Analysis Pages 85 June 2023	InfoCapsule LLP, Lucknow	978-81-960806-4-8
Pharmaceutical Analysis – I Pages 188 15/07/2018	R. Narain Publishers & Distributors, Agra	978-81-937793-1-6
A Record of Pharmaceutical Analysis-I Practicals Pages 73 28/12/2021	InfoCapsule LLP, Lucknow	978-81-951568-0-1
Textbook of Pharmaceutical Analysis Pages 119 24/11/2021	Scitech Publications (India), Chennai	978-93-923992-2-0
A Quick Revision of Inorganic Pharmaceutical Chemistry Pages 83 04/06/2022	InfoCapsule LLP, Lucknow	978-81-951568-2-5
A Summary of Pharmaceutical Analysis Pages 72 02/06/2022.	InfoCapsule LLP, Lucknow	978-81-951568-6-3
A Swift Retort of Pharmaceutical Organic Chemistry Pages 84 07/06/2022	InfoCapsule LLP, Lucknow	978-81-951568-3-2
Essentials of Pharmaceutical Inorganic Chemistry Practical Pages 90 24/05/2022	InfoCapsule LLP, Lucknow	978-81-951568-4-9

**Book Chapters:**

<b>Title with page numbers and date of publication</b>	<b>Book/ Title editor &amp; publisher</b>	<b>ISBN No</b>
Antibody drug conjugate: Emerging trend for targeted treatment In book: Polymer-Drug Conjugates Linker Chemistry, Protocols and Applications, Pages: 347-387	Academic Press, Publisher: Elsevier	978-0-323-91663-93
Human health hazards due to antimicrobial resistance spread In book: Antimicrobial Resistance in Wastewater and Human Health, Pages: 225-240, 09/02/2023.	Academic Press, Publisher: Elsevier	978-0-323-9612-40
‘COVID 19: The clinical Management of Metabolic syndrome’ in book: COVID19: The clinical Management, Pages: 139-148, 14/03/2021.	Lexicon International, Bareilly. UP.	978-81-949147-0-9
‘Diabetes: A Possible outcome in in patients recovering from COVID-19’ in book: COVID19 A Drill Down Analysis, Pages: 48-54, 26/07/2020.	INSC publishing house, Karnataka.	978-81-946370-2-8
‘COVID: 19 Economic and Social Impact’ in book: COVID19 A Drill Down Analysis, Pages: 48-54, 26/07/2020.	INSC publishing house, Karnataka.	978-81-946370-2-8

**Books Edited:**

<b>Title with page number and date of publication</b>	<b>Name of Publisher</b>	<b>ISBN No</b>
A Quick Revision of Inorganic Pharmaceutical Chemistry, Pages 83, 04/06/2022	InfoCapsule LLP, Lucknow.	978-81-951568-2-5
A Summary of Pharmaceutical Analysis, Pages 72, 02/06/2022.	InfoCapsule LLP, Lucknow.	978-81-951568-6-3



**Patent:**

<b>Title and application number</b>	<b>National / International</b>	<b>Date of Filing</b>	<b>Status as on date</b>
High precision pharmaceuticals dispenser for effective laboratory applications, 382974-001	National	04/04/2023	Granted
Infrared spectrophotometer, 6289744	International	13/06/2023	Granted
A Novel Instrument of Reaction Progress Tool with Thermostatic Heating Mantle for Laboratory Purpose, 388821-001	National	22/06/2023	Applied
Smart Titration unit for effective learning and superlative knowledge, 377928-001	National	24/01/2023	Granted
Polyherbal Formulation Having Significant Antioxidant Activity, 202211027298	National	12/05/2022	Published
Discovery Of N-(2-(1H-imidazol-4-yl)ethyl)-4-(5,11 -dioxoisindolo[2,1-A] quinazolin-6(5H,6AH,11H)-yl)butanamide as Inhibitors of p53-MDM2 as Potential Anticancer Agents, 202211007630	National	14/02/2022	Published
Natural Formulation, 201911025789	National	28/06/2019	Published

**Article:**

1. Genotyping: The tools for single nucleotide polymorphisms, Agrobios Newsletter, **2009**, VII, 11, 7-8.
2. Drug polymer conjugates: Promising devices to develop antimicrobials, Agrobios Newsletter, **2009**, VIII, 2, 59-60.
3. Implementation of green chemistry in academics, Pharmacy Week News Letter, Babu Banarasi Das National Institute of Technology & Management, Lucknow, **2010**, Volume I.

**Awards:**

<b>Title of the</b>	<b>Date of award</b>	<b>Awarding Agency</b>	<b>International/ National</b>
Bharat Shiksha Gaurav Puraskar	1/08/2023	KTK Outstanding Achievers and Education Foundation and Helium Production, New Delhi.	National
Shri Parameshwar Foundation -Post Doctoral Fellowship	28/04/2022	Shri Parameshwar Foundation (Trust), Basti, India	National
Eminent Scientist Award	24/01/2022	Society of Pharmacognosy and Phytochemistry, New Delhi	National
Dynamic Pharma Teacher Award	30/12/2021	Indian Pharma Educational Society, Lucknow	National
Third prize winner: Ask the Expert	08/9/2020	International Medical University, Malaysia	International

**Creation of ICT mediated Teaching Learning pedagogy:**

<b>Title</b>	<b>Description</b>	<b>Type of Pedagogy/link</b>
Pharmaceutical Analysis video lectures on YouTube	Dual language (Hindi-English) in the lecture	E- content / <a href="https://www.youtube.com/channel/UC3tD3pkyecMwzLRhHLB2nJQ/featured">https://www.youtube.com/channel/UC3tD3pkyecMwzLRhHLB2nJQ/featured</a>
Pharmaceutical Organic Chemistry video lectures on YouTube	Dual language (Hindi-English) in the lecture	E- content / <a href="https://www.youtube.com/channel/UC3tD3pkyecMwzLRhHLB2nJQ/featured">https://www.youtube.com/channel/UC3tD3pkyecMwzLRhHLB2nJQ/featured</a>

**Design and conduction of new course:**

Value added Course: Applications of Infrared Spectroscopy in Pharmaceutical Sciences (PHV-E5), Integral University, Lucknow, 20/04/2022 - 19/05/2022.

## **Research Guidance:**

### **Ph.D.**

- Widhika Singh: Design, Development and Evaluation of modified release tablet co-loaded with Menaquinone-4 and Potassium chloride for management of Osteoporosis (Enrollment No. 2100156, in progress).
- Nargis Ara: Development and Evaluation of Nanocarrier Based Formulation of Simvastatin for the Management of Lung Cancer (Enrollment No. 2001026, in progress).

### **M. Pharm.**

- Mohd Hussain: Development and Evaluation of Zingerone Loaded Ethosomes for Transdermal Delivery, 2022-23.
- Juhee Ansari: Synthesis and Antibacterial Screening of 1-(4-Fluorophenyl) piperazine Derivatives, 2020-21.
- Akash Srivastava: Development and Evaluation of Niosomal Gel Containing Combination of Clobetasol, Neomycin & Miconazole, 2020-21.

## **Research / Industrial Training:**

- Central Drug Research Institute, Lucknow, India (1 Year), Structure Based Design & Synthesis of Insulin Sensitizing & Antiobesity agents at Medicinal Chemistry Division.
- Drug designing and docking studies, MRD Life sciences, Lucknow (01 June 2019 – 15 June 2019).
- Practical Training in tablet, liquid, packaging and quality control sections of Uttar Pradesh Drugs & Pharmaceuticals Co. Ltd., Lucknow, India, 2002.

## **Resource Person:**

- Current Scenario of Pharmaceutical Sciences 2020 (During COVID-19), 20 May, 2020, Jharkhand Rai University, Ranchi.
- Autodock, 12 October 2019, Hygia Institute of Pharmaceutical Education and Research, Lucknow.

### **Guest lecture:**

- Aldol Condensation: An Instance of Nucleophilic Addition Reactions, 05 June 2020, BN College of Pharmacy, Sitapur Road, Lucknow.
- E content Development, 19 October 2019, Ankerite College of Pharmacy, Lucknow.

### **Organizer:**

- Convenor for a Refresher Course in Pharmacy on Recent Trends in Technology for Drug Discovery and Development organized by Human Resource Development Centre, Integral University in association with the Faculty of Pharmacy, Integral University, Lucknow (in progress).
- Course coordinator for Value Added Course on Applications of Infrared Spectroscopy in Pharmaceutical Sciences, 20 April 2022 - 19 May 2022, Faculty of Pharmacy, Integral University, Lucknow.
- Moderator for second Session, 16 December 2022, Topic: Challenges and Possible Treatment Approaches in Drug Developments against Hepatic Cancer in Faculty Development Program 2022, Faculty of Pharmacy, Integral University, Lucknow.
- Quiz Committee member for Preventing Antimicrobial Resistance Together during World Antimicrobial Awareness Week, 08 November 2022, Faculty of Pharmacy, Integral University, Lucknow.
- Convener for Workshop on Resorting the Fourier Transform Infrared Spectrophotometer, 02 March 2022, Internal Quality Assurance Cell and Integral Information and Research Centre, Integral University, Lucknow.
- Faculty Coordinator for Placard Making on Antimicrobials (Technical Event), 22 March 2022, FIESTA-2022, Integral University, Lucknow.
- Faculty Coordinator for PHARMA QUEST (Technical), 23 March 2022, FIESTA-2022, Integral University, Lucknow.
- Event Coordinator for World Pharmacists Day, 25 September 2021, Faculty of Pharmacy, Integral University, Lucknow.
- Strategic Direction for Competent Pharma Graduates – A roadmap, 30 April **2017**. 31<sup>st</sup> Annual conference of Indian Pharmacy Graduates' Association, Lucknow.

### **Oral Paper Presentation:**

- Menatetrenone (Vitamin K2): A Restorative Therapy for Osteoporosis, IV. International Siirt Conference on Scientific Research, Siirt University, November 17-18, **2023, Turkey**.
- In-silico analysis of human peroxiredoxin 5 - (e)-5-benzylidenethiazolidine-2,4-dione interactions, Global Multi-Track Virtual Conference “Strategies, Applications, Techniques and Resources 2023”, Human Resource Development Center (HRDC) & Internal Quality Assurance Cell (IQAC), Integral University, India in association with Centro Universitario Unifacvest, Brazil, South America & Special Minds, India
- Prevalence of Lung Cancer in Indian Women, World Women Conference-VI, September 17-19, **2023, Ankara, Turkey**.
- Ingenious Possessions of Arylidene-2,4-Thiazolidinedione, Sivas II. International Conference on Scientific and Innovation Research, 15-17 September **2023, Sivas, Turkey**.
- Reckoning the Antioxidant Potential of Lyophilized Extract of *Stevia rebaudiana* Leaves, International Conference on Trends & Innovations in Food Technology (From Farm to Fork), 24-25 November 2022, Integral University, Lucknow, **India**.
- Moulding the *Stevia rebaudiana* Bertoni Leaves towards Gastronomy, International Malatya Gastronomy, Culture and Tourism Congress, September 16-18, **2022, Malatya, Turkey**.
- Synergism in Natural Products Needs Exploration, 14<sup>th</sup> International Conference on Mathematics, Engineering, Natural and Medical Sciences, 6 - 7 July **2022**, Institute of Economic Development and Social Research, Paris, **France**.
- Synergistic Antioxidant Activity Exhibition by Aqueous Extract Mixtures of Ripe and Unripe *Musa acuminata* Fruits, EUROASIA Congress on Scientific Researches and Recent Trends-IX, 20 February **2022**, Baku Euroasian University & Institute of Economic Development and Social Research, Antalya, **Turkey**.
- Enriching PowerPoint Presentations: Effective use of Animations for Enhanced Learning, Ask the Expert, 08 September **2020**, School of Pharmacy, International Medical University, Kuala Lumpur, **Malaysia**.
- Herbal Products Entrepreneurship: A Pilot Study, National conference on leadership and entrepreneurship development, 15 November **2019**, Centre for Incubation, Leadership, and Entrepreneurship Development & Department of Commerce and Business Management Integral University, Lucknow, **India**.

- Escalating Role of Green Chemistry in Extraction Procedure, National conference on biotechnology innovations, 27 - 28 September **2019**, Faculty of Bioscience & Faculty of Biotechnology, Shri Ramswaroop Memorial University, Barabanki, **India**.
- Provisional Patent: Constructive Expedient in Research and Development, Role of Intellectual property protection in industry and device development: A context towards quality products, 8 September **2019**, Pranveer Singh Institute of Technology, Kanpur, **India**.
- Antidiabetic Formulations Prerequisite Biodynamic Nature, Current and Future prospects of science research in India, 15-16 March **2019**, Institute of Foreign Trade and Management University, Moradabad, **India**.
- *Stevia rebaudiana*: A prominent Armorer in Metabolic Syndrome, A national seminar on current scenario of pharmacy education in India: Challenges and responsibilities. 24 February **2019**, Sagar Institute of Technology and Management, Barabanki, **India**.

#### **Poster Presentation:**

- Call for Herbal Anti-Inflammatory Agents in Antidiabetic Treatment, National Seminar on Herbal Drug Technology: Perspective & Prospective, 28 February **2012**, United Institute of Pharmacy, Allahabad.
- Antidiabetic Screening: *In-vivo* Technique has an Edge, National Seminar on Herbal Drug Technology: Perspective & Prospective, 28 February **2012**, United Institute of Pharmacy, Allahabad.
- UV-Visible Spectroscopy: A Recognition Device in Pharmaceutical Sciences, A workshop on practical application and importance of UV, HPLC & FTIR, 28 January **2012**, Pranveer Singh Institute of Technology, Kanpur.
- An Overview on Purging of High Performance Liquid Chromatography, A workshop on practical application and importance of UV, HPLC & FTIR, 28 January **2012**, Pranveer Singh Institute of Technology, Kanpur.
- Syntheses & Evaluation of Pyrazole-4-Carboxaldehyde Derivatives as Anti-Inflammatory Agents, 3<sup>rd</sup> CDRI-NIPER (RBL) Symposium on Medicinal Chemistry and Pharmaceutical Sciences, 03 – 05 March **2011**, CDRI, Lucknow.
- Syntheses & Evaluation of Pyrazole-4-Carboxaldehyde Derivatives as Anti-Oxidant Agents, International conference on recent advances in Pharmaceutical Sciences, 22 - 23 December **2010**, Department of Pharmaceutics, BHU, Varanasi.

- Syntheses & Antimicrobial Activity of 5-Benzylidene-2,4-Thiazolidinediones, 2<sup>nd</sup> CDRI- NIPER (RBL) Symposium on Medicinal Chemistry and Pharmaceutical Sciences, 25 – 27 March **2010**, CDRI, Lucknow.
- Synthesis, Characterization & Anticonvulsant Activity of Substituted Benzylidene- Aryl-Amine Derivatives, 1<sup>st</sup> CDRI-NIPER (RBL) Symposium on Medicinal Chemistry and Pharmaceutical Sciences, 24 – 26 March **2009**, CDRI, Lucknow.
- Hypoglycemic Effect of *Trigonella Foenum Graecum* Linn. Seeds in Normal & Alloxan Induced Diabetic Rats, 1<sup>st</sup> CDRI-NIPER (RBL) Symposium on Medicinal Chemistry and Pharmaceutical Sciences, 24 – 26 March **2009**, CDRI, Lucknow.

### **Refresher Course:**

- Refresher Course on National Education Policy 2020, 24 February - 3 March **2021**, Human Resource Development Centre, Integral University, Lucknow.
- Refresher Course in Pharmacy for Higher Education Faculty-2019, 18 October 2019 - 15 January **2020**, National Resource Centre of Pharmacy, Department of Pharmaceutical Engineering and Technology, Indian Institute of Technology (BHU), Varanasi.
- Refresher Course in Chemistry for Higher Education Faculty-2019, 1 September 2019 - 31 December **2019**, National Resource Centre of MHRD, Guru Angad Dev Teaching Learning Centre at SGTB Khalsa College, University of Delhi.

### **Coursera: Online course:**

- Teaching in University Science Laboratories (Developing Best Practice), Duration 6 weeks, Completed on 5 July 2020, University of Amsterdam.
- How to Write and Publish a Scientific Paper, Duration 4 weeks, Completed on 20 June 2020, Ecole Polytechnique.
- Introduction to Molecular Spectroscopy, Duration 4 weeks, Completed on 15 June, 2020, University of Manchester.

### **Faculty Development Program:**

- Research Design & Methodology, 22 - 26 November **2021**, Faculty of Pharmacy, IFTM University, Moradabad.
- Communication Skills: Theory and Practices, 14 - 21 June **2021**, Department of Languages, Integral University, Lucknow.
- National Faculty Development Programme on Research Methodology, 26 September - 02 October **2020**, Department of Commerce and Business Management, Integral University, Lucknow.
- National Education Policy - A Way Forward, 11-16 September **2020**, Babu Banarasi Das Educational Group, Lucknow.
- How to Write and Publish Paper in Springer and Elsevier Journals, 01 June **2020**, Jharkhand Rai University, Ranchi.
- Moodle Learning Management System, 16 - 20 May **2020**, Department of Computer Application, Integral University, Lucknow.
- Outcome based Education (A NAAC Perspective), 19 September 2019 - 06 October **2019**, Internal Quality Assurance Cell, Integral University, Lucknow.
- Human Values and Professional Ethics, 13 - 20 December **2017**, Hindustan College of Science & Technology, Mathura.
- Human Values and Professional Ethics, 26 June - 3 July **2017**, Goel Institute of Technology & Management, Lucknow.

### **Online Training programme:**

- Induction Training Programme Phase - I, 30 May - 10 June **2022**, National Institute of Technical Teachers' Training & Research, Kolkata.
- National Intellectual Property Awareness Mission, 23 March **2022**, Intellectual Property Office, India.
- Integrating Research in Basic Science with Applied Pharmaceutical Science, 10 - 15 May **2021**, Roland Institute of Pharmaceutical Sciences, Berhampur, Odisha.
- Be the Change Teaching Learning Process, 7 - 12 December **2020**, BS Abdur Rahman Crescent Institute of science and Technology, Chennai.



### **Workshop:**

- MOOCs and SWAYAM NPTEL Awareness, 29 January **2022**, SWAYAM NPTEL local chapter of Integral University, Lucknow.
- Intellectual Property Regime in India: Policies, laws and prospects, 24 August, **2019**, Faculty of Law, Integral University, Lucknow.
- Drug Design and Drug Discovery, 14 August **2019**, Faculty of Pharmacy, IFTM University, Moradabad.
- A Workshop on Practical Application and Importance of UV, HPLC & FTIR, 28 January **2012**. Pranveer Singh Institute of Technology, Kanpur.
- Emerging Trends in Drug Design & Molecular Modeling, 1 - 3 April **2009**, Banaras Hindu University, Varanasi.
- Advances in Computer Aid Drug Discovery & Design Methods, 4-6 August **2008**, Meerut Institute of Engineering & Technology, Meerut.

### **Seminar/Conference/Symposium:**

- Segregated Waste Disposal and Management, 7 November **2019**, Human Resource Development Centre & Faculty of Pharmacy, Integral University, Lucknow.
- National Conference on Leadership and Entrepreneurship Development, 15-16 November **2019**, Integral University, Lucknow.
- National Conference on Biotechnology Innovations, 27 - 28 September **2019**, Faculty of Bioscience and Faculty of Biotechnology, Shri Ramswaroop Memorial University, Barabanki.
- Role of Intellectual Property Protection in Industry and Device Development: A context towards quality products, 8 September **2019**, Institute of Pharmacy, PSIT, Kanpur.
- Current and Future Prospects of Science Research in India, 15 - 16 March **2019**, IFTM University, Moradabad,
- A National Seminar on Current Scenario of Pharmacy Education in India: Challenges and Responsibilities, 24 February **2019**, SITM, Barabanki.
- Good Clinical Practices & Medical Ethics, 16 September **2017**. Department of Trauma and Research Cell, King George's Medical University, Lucknow.

- National Seminar on Herbal Drug Technology: Perspective & prospective, 28 February **2012**. United Institute of Pharmacy, Allahabad, India.
- Bioinformatics Tools and its Application in Drug Discovery, 28 August **2010**, Institute of Transgene Life Sciences, Lucknow.
- Orgicon, 14 November **2010**, Organic India Private Limited, Lucknow.
- Current Status & Challenges in Pharmacy & Health Care, 28 March **2010**, Chhatrapati Shahu Ji Maharaj University, Kanpur.
- Emerging Trends in Pharmaceutical Sciences, 26-27 February **2006**, Uttar Pradesh Technical University, Lucknow.
- Concepts & Modern approach for the Budding Pharmacist, 10 - 11 April **2002**, BBDNITM & NIEC, Lucknow.

### **Webinar:**

- Staying Healthy During COVID-19 Pandemic, 01 October **2020**, Integral University Hostel, Integral University, Lucknow.
- Where We are With the Vaccines and Treatment for COVID-19, 26 August **2020**, International Medical University, Malaysia.
- Patent Prosecution Challenges and Strategies in India, 25 July 2020, Turnip Innovations Pvt Ltd, Mumbai.
- Covid -19 Post Lockdown Surveillance, 18 July **2020**, IPSR Group of Institutions, Unnao.
- Internship: First Step towards a Great Career, 11 July **2020**, Department of Commerce and Business Management, Integral University, Lucknow.
- International Webinar Wissen – II Replished, 8 - 10 July 2020, BCDA College of Pharmacy and Technology, Kolkata.
- Prior Art Searching with Google patents, 26 June 2020, Turnip Innovations Pvt. Ltd., Mumbai.
- Prospective of Computer Aided Drug Discovery: Post Covid 19, 25 June 2020, Rameshwaram Institute of Technology and Management, Lucknow.
- An Insight to *In-silico* Drug Design Techniques in COVID-19 Era, 18 - 20 June 2020, BCDA College of Pharmacy and Technology, Kolkata.

- Career Prospect in Herbal Medicine: Post COVID-19 Outbreaks, 11 June 2020, Rameshwaram Institute of Technology and Management, Lucknow.
- Job Prospects for Pharma Graduates: Post COVID 19 Outbreak, 07 June 2020, Rameshwaram Institute of Technology and Management, Lucknow.
- Jobs for the Next Five Years, 06 June 2020, Center for Career Guidance & Development, Integral University, Lucknow.
- Business Models for Post COVID Social Entrepreneurship, 29 May 2020, University Polytechnic, Integral University, Lucknow.
- Socio-Psychological Impact of COVID-19 in Academics and its Management, 28 May 2020, Faculty of Pharmacy, Integral University, Lucknow.
- Covid-19 Awareness, Preparedness and Myths, 21 May 2020, Human resource development Centre, Integral University, Lucknow.
- Writing Successful Research Grants, 21 May 2020, Association of Pharmaceutical Teachers of India, Bengaluru.

#### **Professional Membership:**

- Uttar Pradesh Pharmacy Council: 36735.
- Indian Pharmacy Graduates' Association: LM-5975.
- Society for Biotechnologists (India): 982.
- The Society of Pharmacognosy and Phytochemistry: PLSM10406A.
- Association of Pharmaceutical Teachers of India: UP/LM-624.

#### **Administrative Duties:**

- Course Co-ordinator: B. Pharm - I Year.
- Departmental Alumni Career Tracking Team: Member.
- Departmental Quality Assurance Cell: Criteria II Member.
- Departmental Mentor-Mentee member.
- Head Examiner (B Pharm - I Year) for End Semester Theory Examination.
- End Semester Question Paper Preparation and Moderation.
- Member of Departmental Syllabus Revision Scrutiny Committee.
- Member of Board of studies
- Faculty in Charge: Departmental Central Instrumentation Facility.

### **Preamble:**

I am currently working as Associate Professor in the Faculty of Pharmacy and have gained broad experience of 16 years in administrative and academic work. The Doctorate in Science may further benefit me to enhance my skills in the healthy environment of the Lovely Professional University. The applicant has been delivering the best outcomes in coordination with the faculty members. My key strengths are the proper balance between the academic, research and administrative work as evident by the details/enclosures mentioned in the application. The request for admission may be suitable as I possess all the relevant skills with significant amount of experience.

### **Personal Details:**

Date of Birth:	30 June, 1979
Sex:	Male
Marital Status:	Married
Nationality:	Indian
Father's Name:	Late. Sri Lakshman Ram
Mother's Name:	Smt Phool Badan Devi
Mailing Address:	5/543-C, Vikas Nagar, Lucknow, U.P., (India) 226022.
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### **References:**

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Shom Prakash kushwaha

**Date:** 26.11.2023

**(SHOM PRAKASH KUSHWAHA)**